| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BeanContextChild.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/java/beans/beancontext/BeanContext.html)   [**NEXT CLASS**](http://docs.google.com/java/beans/beancontext/BeanContextChildComponentProxy.html) | [**FRAMES**](http://docs.google.com/index.html?java/beans/beancontext/BeanContextChild.html)    [**NO FRAMES**](http://docs.google.com/BeanContextChild.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

## **java.beans.beancontext**

Interface BeanContextChild

**All Known Subinterfaces:** [BeanContext](http://docs.google.com/java/beans/beancontext/BeanContext.html), [BeanContextServices](http://docs.google.com/java/beans/beancontext/BeanContextServices.html) **All Known Implementing Classes:** [BeanContextChildSupport](http://docs.google.com/java/beans/beancontext/BeanContextChildSupport.html), [BeanContextServicesSupport](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.html), [BeanContextSupport](http://docs.google.com/java/beans/beancontext/BeanContextSupport.html)

public interface **BeanContextChild**

JavaBeans wishing to be nested within, and obtain a reference to their execution environment, or context, as defined by the BeanContext sub-interface shall implement this interface.

Conformant BeanContexts shall as a side effect of adding a BeanContextChild object shall pass a reference to itself via the setBeanContext() method of this interface.

Note that a BeanContextChild may refuse a change in state by throwing PropertyVetoedException in response.

In order for persistence mechanisms to function properly on BeanContextChild instances across a broad variety of scenarios, implementing classes of this interface are required to define as transient, any or all fields, or instance variables, that may contain, or represent, references to the nesting BeanContext instance or other resources obtained from the BeanContext via any unspecified mechanisms.

**Since:** 1.2 **See Also:**[BeanContext](http://docs.google.com/java/beans/beancontext/BeanContext.html), [PropertyChangeEvent](http://docs.google.com/java/beans/PropertyChangeEvent.html), [PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html), java.beans.PropertyVetoEvent, java.beans.PropertyVetoListener, [PropertyVetoException](http://docs.google.com/java/beans/PropertyVetoException.html)

| **Method Summary** | |
| --- | --- |
| void | [**addPropertyChangeListener**](http://docs.google.com/java/beans/beancontext/BeanContextChild.html#addPropertyChangeListener(java.lang.String,%20java.beans.PropertyChangeListener))([String](http://docs.google.com/java/lang/String.html) name, [PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html) pcl)            Adds a PropertyChangeListener to this BeanContextChild in order to receive a PropertyChangeEvent whenever the specified property has changed. |
| void | [**addVetoableChangeListener**](http://docs.google.com/java/beans/beancontext/BeanContextChild.html#addVetoableChangeListener(java.lang.String,%20java.beans.VetoableChangeListener))([String](http://docs.google.com/java/lang/String.html) name, [VetoableChangeListener](http://docs.google.com/java/beans/VetoableChangeListener.html) vcl)            Adds a VetoableChangeListener to this BeanContextChild to receive events whenever the specified property changes. |
| [BeanContext](http://docs.google.com/java/beans/beancontext/BeanContext.html) | [**getBeanContext**](http://docs.google.com/java/beans/beancontext/BeanContextChild.html#getBeanContext())()            Gets the BeanContext associated with this BeanContextChild. |
| void | [**removePropertyChangeListener**](http://docs.google.com/java/beans/beancontext/BeanContextChild.html#removePropertyChangeListener(java.lang.String,%20java.beans.PropertyChangeListener))([String](http://docs.google.com/java/lang/String.html) name, [PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html) pcl)            Removes a PropertyChangeListener from this BeanContextChild so that it no longer receives PropertyChangeEvents when the specified property is changed. |
| void | [**removeVetoableChangeListener**](http://docs.google.com/java/beans/beancontext/BeanContextChild.html#removeVetoableChangeListener(java.lang.String,%20java.beans.VetoableChangeListener))([String](http://docs.google.com/java/lang/String.html) name, [VetoableChangeListener](http://docs.google.com/java/beans/VetoableChangeListener.html) vcl)            Removes a VetoableChangeListener from this BeanContextChild so that it no longer receives events when the specified property changes. |
| void | [**setBeanContext**](http://docs.google.com/java/beans/beancontext/BeanContextChild.html#setBeanContext(java.beans.beancontext.BeanContext))([BeanContext](http://docs.google.com/java/beans/beancontext/BeanContext.html) bc)             Objects that implement this interface, shall fire a java.beans.PropertyChangeEvent, with parameters: propertyName "beanContext", oldValue (the previous nesting BeanContext instance, or null), newValue (the current nesting BeanContext instance, or null). |

| **Method Detail** |
| --- |

### setBeanContext

void **setBeanContext**([BeanContext](http://docs.google.com/java/beans/beancontext/BeanContext.html) bc)  
 throws [PropertyVetoException](http://docs.google.com/java/beans/PropertyVetoException.html)

Objects that implement this interface, shall fire a java.beans.PropertyChangeEvent, with parameters: propertyName "beanContext", oldValue (the previous nesting BeanContext instance, or null), newValue (the current nesting BeanContext instance, or null).

A change in the value of the nesting BeanContext property of this BeanContextChild may be vetoed by throwing the appropriate exception.

**Parameters:**bc - The BeanContext with which to associate this BeanContextChild. **Throws:** PropertyVetoException - if the addition of the specified BeanContext is refused. [PropertyVetoException](http://docs.google.com/java/beans/PropertyVetoException.html)

### getBeanContext

[BeanContext](http://docs.google.com/java/beans/beancontext/BeanContext.html) **getBeanContext**()

Gets the BeanContext associated with this BeanContextChild.

**Returns:**the BeanContext associated with this BeanContextChild.

### addPropertyChangeListener

void **addPropertyChangeListener**([String](http://docs.google.com/java/lang/String.html) name,  
 [PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html) pcl)

Adds a PropertyChangeListener to this BeanContextChild in order to receive a PropertyChangeEvent whenever the specified property has changed.

**Parameters:**name - the name of the property to listen onpcl - the PropertyChangeListener to add

### removePropertyChangeListener

void **removePropertyChangeListener**([String](http://docs.google.com/java/lang/String.html) name,  
 [PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html) pcl)

Removes a PropertyChangeListener from this BeanContextChild so that it no longer receives PropertyChangeEvents when the specified property is changed.

**Parameters:**name - the name of the property that was listened onpcl - the PropertyChangeListener to remove

### addVetoableChangeListener

void **addVetoableChangeListener**([String](http://docs.google.com/java/lang/String.html) name,  
 [VetoableChangeListener](http://docs.google.com/java/beans/VetoableChangeListener.html) vcl)

Adds a VetoableChangeListener to this BeanContextChild to receive events whenever the specified property changes.

**Parameters:**name - the name of the property to listen onvcl - the VetoableChangeListener to add

### removeVetoableChangeListener

void **removeVetoableChangeListener**([String](http://docs.google.com/java/lang/String.html) name,  
 [VetoableChangeListener](http://docs.google.com/java/beans/VetoableChangeListener.html) vcl)

Removes a VetoableChangeListener from this BeanContextChild so that it no longer receives events when the specified property changes.

**Parameters:**name - the name of the property that was listened on.vcl - the VetoableChangeListener to remove.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BeanContextChild.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
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[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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